

## **REMARKS**

Claims 2, 19-29, 31 and 43-56 are canceled; claims 1, 8, 16-18, 30 and 39 are amended; new claims 57 and 58 are added; and claims 1, 3-18, 30, 32-42, 57 and 58 are pending in the application.

Applicant hereby affirms the election to prosecute the claims directed toward the species identified by the Examiner as pertaining to a substrate of glass (claims 1-8, 14-18 and 30-39).

The Examiner requests that applicant update the "Related Patent Data" section. Applicant has amended the specification to update such section.

The Examiner indicates that claims 2 and 31 contain allowable subject matter. Applicant has amended claims 1 and 30 to incorporate the subject matter of claims 2 and 31, respectively, and accordingly requests allowance of claims 1 and 30 in the Examiner's next action.

Claims 3-7, 9-18, 32-38 and 40-42 depend from claims 1 and 30, and are therefore allowable for least the reasons for which claims 1 and 30 are allowable. Applicant therefore requests allowance of claims 3-7, 9-18, 32-38 and 40-42 in the Examiner's next action. Claims 16-18 are amended to more clearly correspond to antecedent basis provided in claim 1.

Applicant notes that claims 9-13 and 40-42 are withdrawn from consideration for pertaining to a species other than that elected by applicant. Applicant further notes, however, that claims 9-13 and 40-42 depend from generic claims 1 and 30; and therefore

requests that claims 9-13 and 40-42 be allowed to issue based on the allowability of the generic claims 1 and 30.

Claims 8 and 39 stand rejected as being unpatentable over Fukushima. Applicant has amended claims 8 and 39 to place the claims in independent form, and respectfully requests reconsideration of the rejections of claims 8 and 39. Applicant notes that claims 8 and 39 recite methods of forming a fiberglass matrices in which monolayers are formed across glass fiber surfaces, and the glass fibers are then incorporated into fiberglass matrices by bonding the monolayers within polymeric materials. Applicant respectfully submits that there is no teaching within the cited reference of Fukushima for forming a monolayer across a glass fiber surface, and then incorporating the glass fiber into a fiberglass matrix by bonding such monolayer within a polymeric material.


The Examiner contends that it would be obvious to have performed the process of Fukushima on a glass fiber and to then incorporate the glass fiber into a fiberglass matrix. Applicant respectfully submits that such contention is not supported by the cited art. Specifically, Fukushima contains no mention regarding formation of a fiberglass matrix, and instead the only teaching of forming a monolayer across a glass fiber surface and utilization of such monolayer for incorporating the glass fiber into a fiberglass matrix is applicant's own disclosure. Accordingly, it appears that the Examiner's contention is based on hindsight reconstruction of the subject matter of claims 8 and 39, rather than on the teachings of the prior art. The Examiner is reminded that hindsight reconstruction is not an appropriate basis for a §103 rejection. Applicant therefore requests that the rejections of claims 8 and 39 be withdrawn, and the claims be allowed over the cited reference.

The pending claims stand rejected for obviousness-type double patenting relative to the claims of US patent number 6,753,038. Submitted herewith is a Terminal Disclaimer which overcomes such obviousness-type double patenting rejection.

Pending claims 1, 3-18, 30, 32-42, 57 and 58 are believed to be in condition for allowance for the reasons discussed above, and applicant therefore requests that the Examiner's next action be a Notice of Allowance formally allowing all of the pending claims.

Respectfully submitted,

Dated: May 9, 2006

By:   
David G. Latwesen, Ph.D.  
Reg. No. 38,533

Enclosure: *Terminal Disclaimer*